


AMENDMENT
Attorney Docket Q63090

REMARKS

Entry and consideration of this Amendment is respectfully requested.

Respectfully submitted,


David J. Cushing
Registration No. 28,703

SUGHRUE, MION, ZINN,
MACPEAK & SEAS, PLLC
2100 Pennsylvania Avenue, N.W.
Washington, D.C. 20037-3213
Telephone: (202) 293-7060
Facsimile: (202) 293-7860

Date: March 7, 2001

APPENDIX

VERSION WITH MARKINGS TO SHOW CHANGES MADE

IN THE SPECIFICATION:

The specification is changed as follows:

Page 1, after the title, insert the heading:

BACKGROUND OF THE INVENTION

Page 2, after line 23, insert the heading:

SUMMARY OF THE INVENTION

Page 6, after line 4, insert the heading:

BRIEF DESCRIPTION OF THE DRAWINGS

after line 15, insert the heading:

DETAILED DESCRIPTION OF THE INVENTION

IN THE CLAIMS:

The claims are amended as follows:

3. (Amended) A method according to claim 1 ~~or claim 2~~, characterized in that, to filter the noise signal, the statistical distribution of the noise power measurements is observed for a particular period (T) during which a statistically representative number of measurement samples is collected and which is sufficiently short for the noise to remain practically stationary.

AMENDMENT

Attorney Docket Q63090

5. (Amended) A method according to claim 3 ~~or claim 4~~, characterized in that the noise value used is the maximum value over the particular period (T).
6. (Amended) A method according to claim 3 ~~or 4~~, characterized in that the moments of the distribution are determined.
8. (Amended) A method according to claim 1 ~~or claim 2~~, characterized in that a finite or infinite impulse response low-pass filter is used to filter the noise signal.
9. (Amended) A method according to ~~any preceding claim 1~~, characterized in that a finite impulse response filter is used to filter the wanted signal (E_b).
11. (Amended) A method according to claim 9 ~~or claim 10~~, characterized in that the transmitter provides a reference signal with a regular period at a particular level and the signal-to-noise ratio is estimated from that reference signal.
12. (Amended) A method according to ~~any of claims 1 to 8~~ claim 1, characterized in that an infinite impulse response filter is used to filter the estimate of the wanted signal.
14. (Amended) A method according to claim 12 ~~or claim 13~~, characterized in that packets or cells are received sporadically and each packet or cell received is filtered.

AMENDMENT
Attorney Docket Q63090

15. (Amended) An application of the method according to ~~any preceding~~ claim 1 to estimating the signal-to-noise ratio in a telecommunications receiver sending data for controlling the power of a corresponding transmitter.

IN THE ABSTRACT OF DISCLOSURE:

A new Abstract has been added. Please see section above.